

REMARKS

This is a full and timely response to the non-final Official Action mailed September 28, 2004. Reconsideration of the application in light of the above amendments and the following remarks is respectfully requested.

By the forgoing amendment, the specification and various claims have been amended. Additionally, new claims 16-45 have been added. No original claims have been cancelled. Thus, claims 1-45 are currently pending for the Examiner's consideration.

In the outstanding Office Action, the Examiner indicated the allowance of claims 11-15 and the presence of allowable subject matter in claims 2, 7 and 10. Applicant wishes to thank the Examiner for the allowance of these claims and the identification of allowable subject matter in claims 2, 7 and 10.

Consequently, each of claims 2, 7 and 10 has been amended herein and rewritten as an independent claim. Therefore, based on the Examiner's identification of allowable subject matter, claims 2, 7 and 10 should be in condition for immediate allowance following entry of this amendment.

Additionally, new claims 20-45 have been added as dependent claims that each depend, directly or indirectly, from one of claims 2, 7 or 10. Consequently, claims 20-45 should also be in condition for allowance based on the allowable subject matter identified by the Examiner in claims 2, 7 and 10. Notice to this effect is respectfully requested.

With regard to the prior art, claims 1, 3-6 and 8 were rejected as anticipated under 35 U.S.C. § 102(e) by U.S. Patent No. 6,781,601 to Cheung ("Cheung"). Dependent claim 9 was rejected as unpatentable under 35 U.S.C. § 103(a) in view of the combined teachings of

Cheung and U.S. Patent No. 5,892,535 to Allen et al. ("Allen"). For at least following reasons, these rejections are respectfully traversed.

Claim 1, as amended herein, recites:

1. (currently amended) An input processing device for use in a re-multiplexing module that processes input packet data, comprising:
  - an input interface that receives a plurality of data transport streams each of which contains input packet data;
  - a corresponding plurality of input processors coupled to the input interface to receive input packet data from a respective data transport stream; and
  - a corresponding plurality of packet identifier tables each of which is coupled to a respective input processor.

In contrast, Cheung does not teach or suggest receiving a plurality of data transport streams. Cheung does not teach or suggest a corresponding plurality of input processors each receiving a respective data transport stream and coupled to a respective packet identifier table. Cheung merely teaches a single packet identifier table (308) without the capacity to separately listed desired packets to be extracted from multiple, respective input streams.

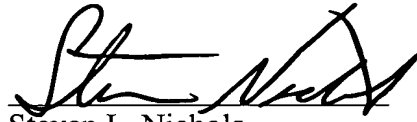
"A claim is anticipated [under 35 U.S.C. § 102] only if each and every element as set forth in the claim is found, either expressly or inherently described, in a single prior art reference." *Verdegaal Bros. v. Union Oil Co. of California*, 2 U.S.P.Q.2d 1051, 1053 (Fed. Cir. 1987) (emphasis added). See M.P.E.P. § 2131. Therefore, Cheung does not anticipate amended claim 1, and the rejection of claims 1, 3-6, 8 and 9 based on Cheung should be reconsidered and withdrawn.

For the foregoing reasons, the present application is thought to be clearly in condition for allowance. Accordingly, favorable reconsideration of the application in light of these remarks is courteously solicited. If any fees are owed in connection with this paper, which have not been elsewhere authorized, authorization is hereby given to charge those fees to

Deposit Account 18-0013 in the name of Rader, Fishman & Grauer PLLC. If the Examiner has any comments or suggestions which could place this application in even better form, the Examiner is requested to telephone the undersigned attorney at the number listed below.

Respectfully submitted,

DATE: 28 December 2004



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Registration No. 40,326

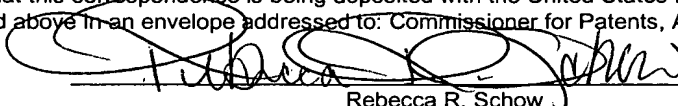
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**CERTIFICATE OF MAILING**

DATE OF DEPOSIT: December 28, 2004

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail on the date indicated above in an envelope addressed to: Commissioner for Patents, Alexandria, VA 22313-1450.



Rebecca R. Schow